

MEMO

TO: Town of Delavan Lake Committee
FROM: Delavan Lake Sanitary District
RE: DLSD Lake Management Activities for June
DATE: June 30, 2023

LAKE MONITORING RECORDS

June Precipitation – 1.22 inches
Number of Run-off events – 0
Precipitation Year-to-date – 15.24 inches
Ice On Date – December 19, 2022
Ice Off Date – March 10, 2023

June Secchi Disc Readings: Maximum – 17.0 feet
Average – 9.6 feet

LAKE LEVEL

DNR Summer Lake Elevation Expectations – 927.86 feet
Average Lake Elevation – 927.73 feet

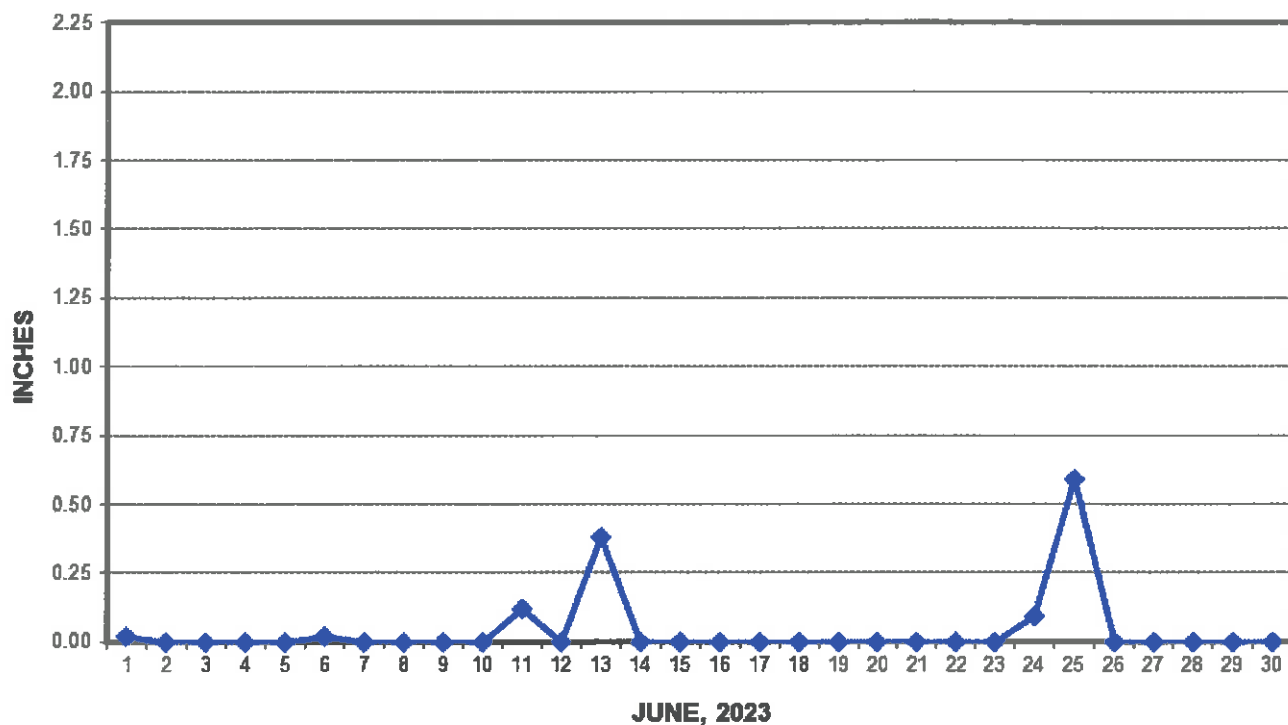
LAKE MANAGEMENT PROGRAM

Harvesters were launched on May 15th and clear cutting on the main lake has begun. Spring water clarity has made for very productive lake weed growth. Staff harvested 1,553 yards of weeds during the month of June.

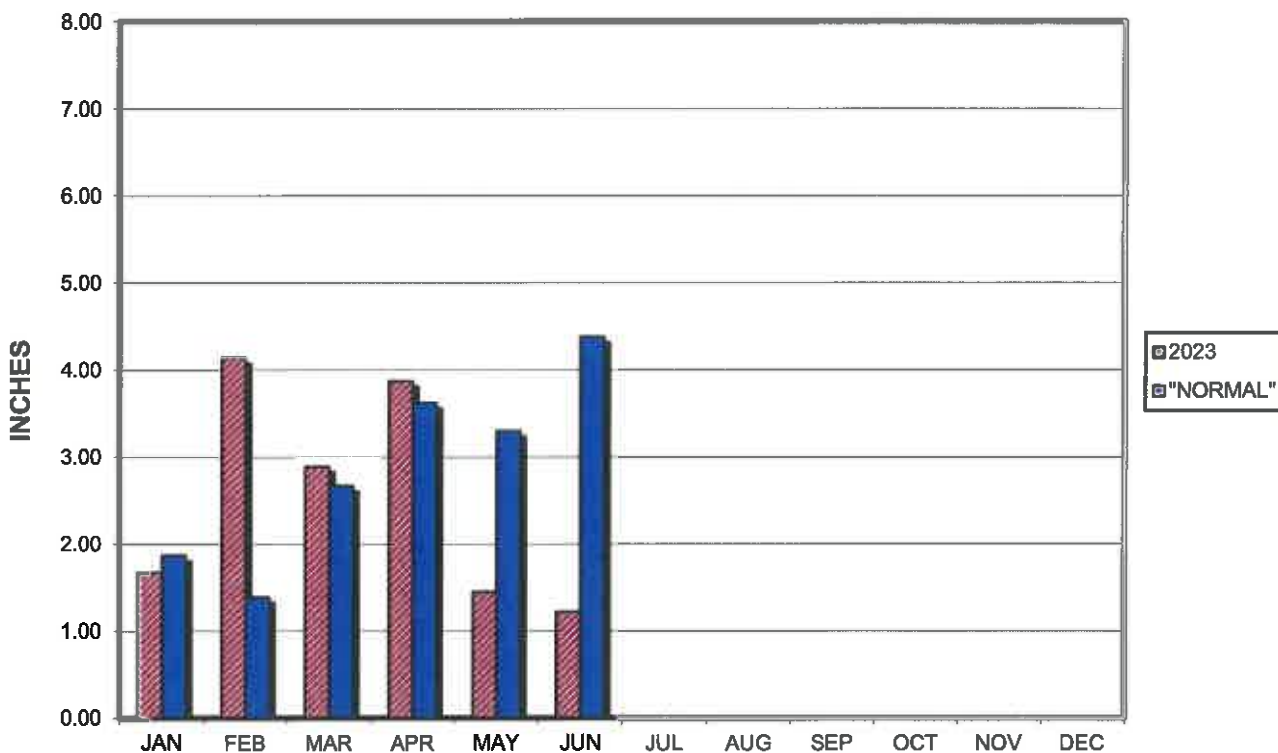
The sewer utility is busy working with projects on HWY O, LS #4 and Borg Road easements.

Encl.: (3)

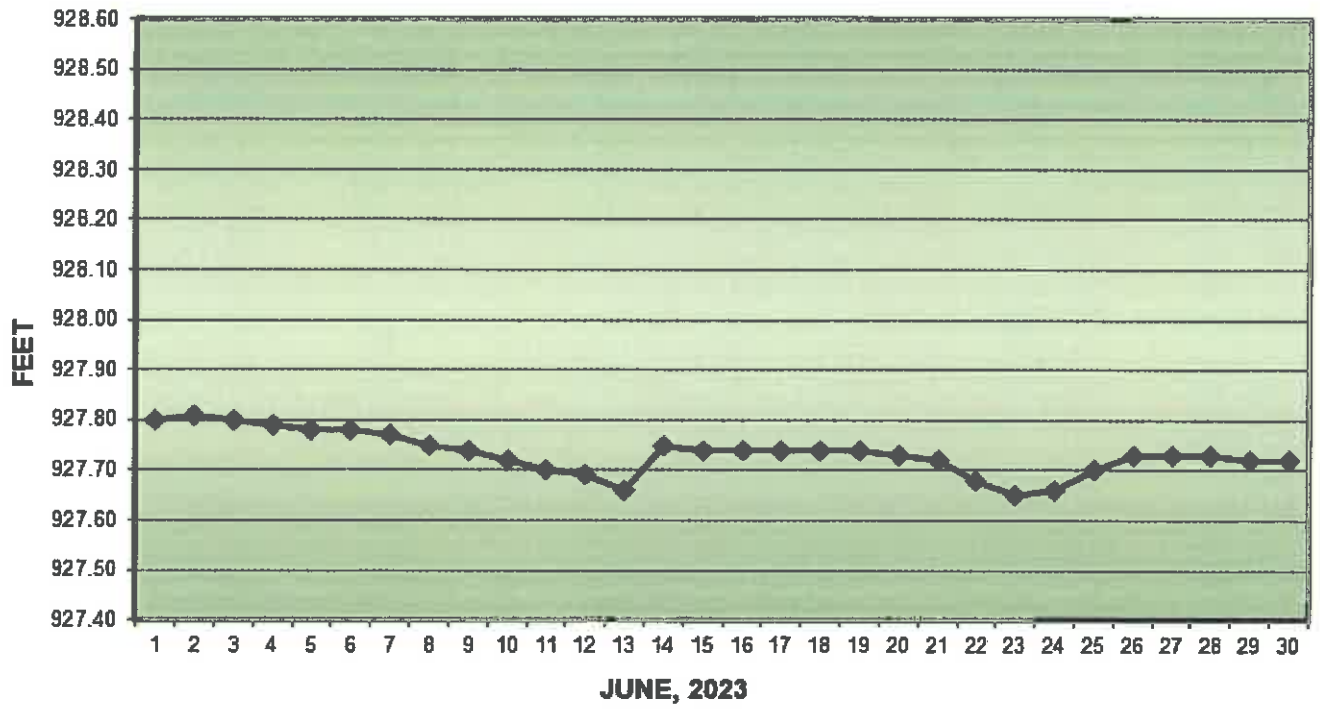
PRECIPITATION - DELAVAN LAKE, WI



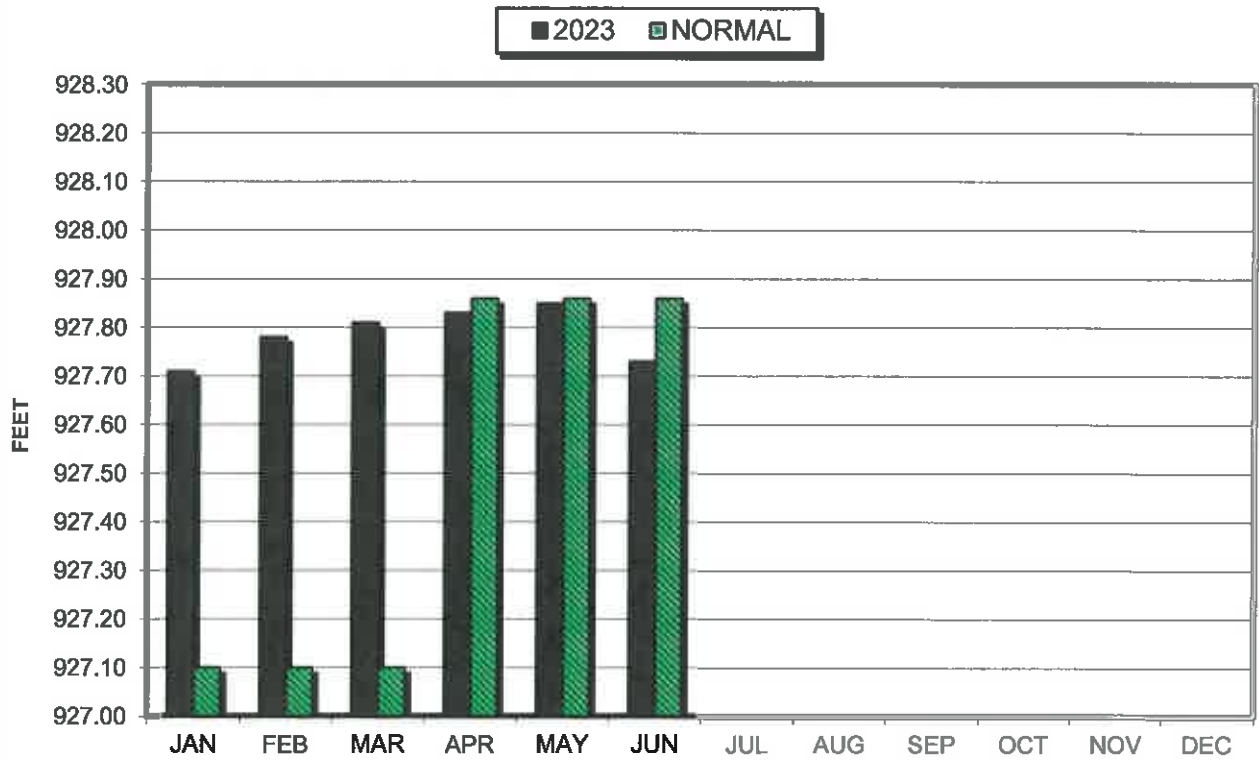
PRECIPITATION - DELAVAN LAKE, WI



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI



**DATA SUMMARY
DELAVAN LAKE, WISCONSIN**

Month	Ice On Date	Ice Off Date	Air Temperature			Precipitation		Lake Water Temp.	Average Lake Elevation	Secchi Disc		Cubic Yards Harvested	
			Max.	Min.	Mean	Month (In Inches)	Yr to Date (In Inches)			Average (In Feet)	Maximum (In Feet)	Month	YTD
2021													
JAN	1/21/21		38	-6	22	1.39	1.39	-	927.58	-	-	-	-
FEB			47	-15	16	1.45	2.84	-	927.50	-	-	-	-
MAR		3/18/21	65	9	37	1.54	4.38	-	927.67	-	-	-	-
APR			84	21	53	0.76	5.14	46	927.75	8.7	9	-	-
MAY			88	30	59	1.52	6.66	67	927.87	18.3	32.0	547	547
JUN			95	46	71	2.58	9.24	76	927.84	10.1	19.5	2495	3042
JUL			92	52	72	2.87	12.11	78	927.89	10.2	14.0	1800	4842
AUG			93	51	72	3.96	16.07	77	927.78	9.0	12.0	1910	6752
SEP			89	45	67	1.33	17.40	66	927.53	7.8	11.0	595	7347
OCT			87	29	58	4.78	22.18	67	927.55	9.3	11.0	59	7406
NOV			66	15	41	0.46	22.64	51	927.57	9.7	13	-	-
DEC			64	7	35	1.81	24.45	-	927.61	-	-	-	-
2022													
JAN	1/10/22		40	-18	11	0.63	0.63	-	927.72	-	-	-	-
FEB			49	-3	23	0.77	1.40	-	927.70	-	-	-	-
MAR		3/23/22	73	6	34	2.91	4.31	-	927.80	-	-	-	-
APR			81	24	52	5.05	9.36	42	927.88	20.0	20.0	387	387
MAY			91	33	62	2.42	11.78	62	927.90	12.7	20.0	2184	2571
JUN			98	47	72	2.21	13.99	74	927.87	9.7	13.0	1431	4002
JUL			90	52	71	2.98	16.97	79	927.68	8.7	10.0	1585	5587
AUG			92	52	72	4.28	21.25	79	927.60	6.6	9.0	305	5892
SEP			85	35	60	7.51	28.76	59	927.85	6.7	7.0	39	5931
OCT			78	29	54	1.67	30.43	-	927.79	-	-	-	-
NOV			75	9	42	1.23	31.66	51	927.77	12.3	15.0	-	-
DEC	12/19/22		56	-13	22	1.67	33.33	-	927.72	-	-	-	-
2023													
JAN			49	-14	18	1.67	1.67	-	927.71	-	-	-	-
FEB			51	-7	22	4.14	5.81	-	927.78	-	-	-	-
MAR		3/10/23	69	9	39	2.89	8.70	-	927.81	-	-	-	-
APR			82	26	54	3.87	12.57	49	927.83	8.0	9.0	-	-
MAY			91	35	63	1.45	14.02	62	927.85	21.8	38.0	855	855
JUN			92	43	67	1.22	15.24	70	927.73	9.6	17.0	1553	2408